**Washington State
Department of Transportation**
Highways & Local Programs Division
Washington State Technology Transfer Center
P.O. Box 47390
Olympia, WA 98504-7390

WSDOT and the Washington State Technology Transfer Center present:

Introduction to GPS Mapping Grade Equipment

WST2
WASHINGTON STATE
TECHNOLOGY
TRANSFER CENTER

June 25-27, 2002
July 30-August 1, 2002
August 13-15, 2002
Tumwater, Washington

Cost: $325
Class Size: 4*

Instructor: **Tom Smith**
WSDOT Transportation Data Office

Target Audience

Planners, technicians, engineers, and designers who will collect GPS data for mapping, use data as an end product, supervise or manage data collection, or who need to use GPS to locate roadway features. No prior experience is necessary.

Motel

GuestHouse Inn and Suites
1600 74th Avenue SW
Tumwater, WA 98501
(360) 943-5040

Registration

To register, complete the registration form on the reverse and fax or mail to the WST2 Center. Or, you can register on-line by logging on to *http://www.wsdot.wa.gov/TA/ T2Center/T2hp.htm.* Click on "On-line Class Registration," fill out the form, and press "Submit." Please do not prepay; an invoice will be sent after the class. You may give us a P.O. number if your agency requires it.

Confirmation notices with directions to the training site will be mailed prior to the class. If you are unable to attend, please contact us. However, someone else from your agency may attend in your place.

Note: Classes are small due to equipment restrictions. If an agency has their own equipment and can bring it to class, the class can take two to four extra persons. More sessions can be added if requested; a class can be scheduled for an individual agency.

Introduction to GPS Mapping Grade Equipment

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All three sessions will be held at the WSDOT Olympic Region Point Plaza Computer Training Room, 6639 Capitol Blvd. S., Tumwater, WA 98041-5592

8:00 a.m. to 5:00 p.m.

Description

This training is an introductory course on mapping grade GPS equipment and is taught by a Trimble-certified instructor. It is designed to provide basic knowledge and skills in the use of GPS technology in mission planning, data gathering, and data processing. The training will enable field operation personnel to use new methods and Trimble mapping grade equipment as well as understand problems encountered when using the GPS satellite constellation.

Day 1: Fundamentals of GPS-Data Collection Exercise, What is GIS, Trimble GPS Equipment Familiarization (Trimble Pathfinder Power, Trimble Pro XR, Trimble GeoExplorer 3, Trimble GPS Pocket), Pathfinder Office©, TerraSync, Asset Surveyor Software, Creating Data Dictionaries, Trimble GPS Equipment Operation.

Day 2: Data Collection Exercise, Waypoints and Navigation-Navigation Exercise, Project Planning, Common Problems, Prep for Field Session.

Day 3: Field Session, Processing Field Data in Pathfinder Office©.

Objectives

Upon completion of this course, participants will be able to:

1. Understand the Global Positioning System.
2. Use mapping products.
3. Understand the connection between GPS and GIS.
4. Use Trimble mapping grade equipment and software for mission planning, data collection, and data processing.

Questions

Tom Smith at (360) 570-2368 or SmithTm@wsdot.wa.gov for course content.
Wendy Schmidt at (360) 705-7386 or SchmidW@wsdot.wa.gov for registration.

WSDOT Employees: If you want to attend this class, you must check with Staff Development prior to enrolling to arrange for payment of fee. If the fee will come out of your org. code, you do not have to check with them. Their number is (360) 705-7062.

(Disability accommodations will be provided upon request.)

T² Registration Form

WST2 Center, Highways and Local Programs, PO Box 47390, Olympia, WA 98504-7390
On-line Registration: *http://www.wsdot.wa.gov/TA/T2Center/T2HP.htm*
Fax (360) 705-6858   Phone (360) 705-7386

Introduction to GPS Mapping Grade Equipment

Cost: $325
Tumwater

❑ June 25-27, 2002 (#371)
❑ July 30-August 1, 2002 (#372)
❑ August 13-15, 2002 (#373)

Do not prepay, wait for an invoice.
PO# _____
WSDOT Org. Code _____

Washington State Department of Transportation

Participant Names

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Contact Person _____

Agency _____

Address _____

City/Zip _____

Tel. _____

Fax _____

E-mail _____